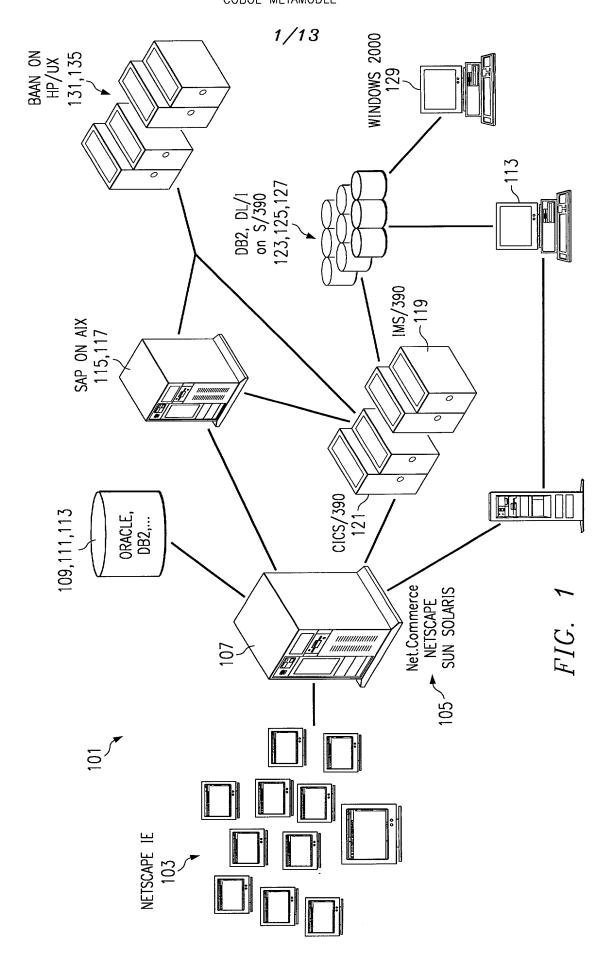
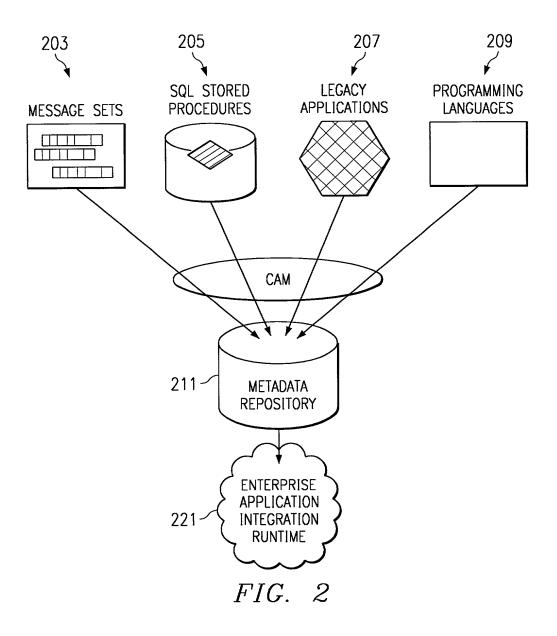
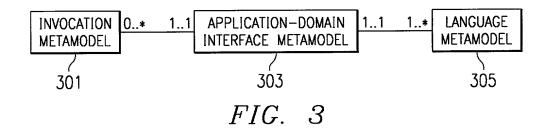
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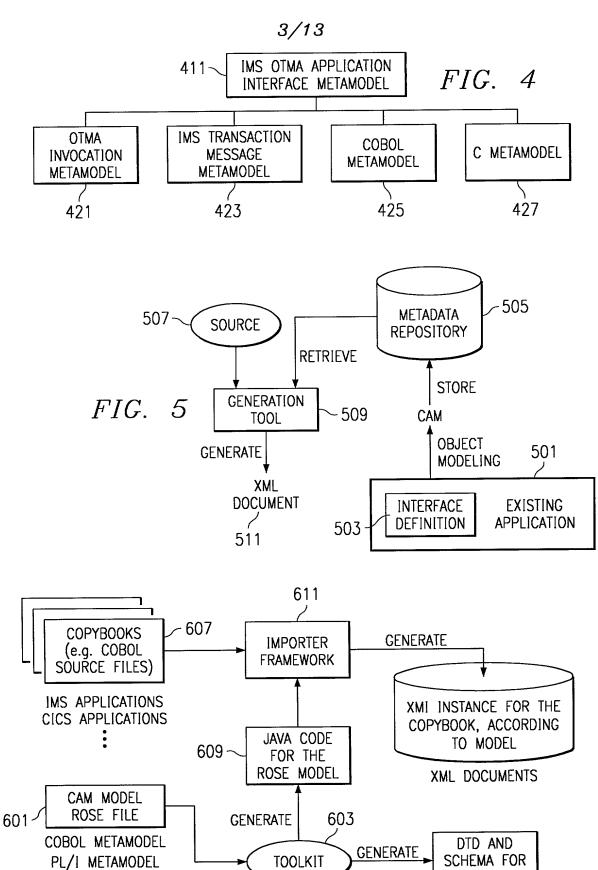


FIG. 6

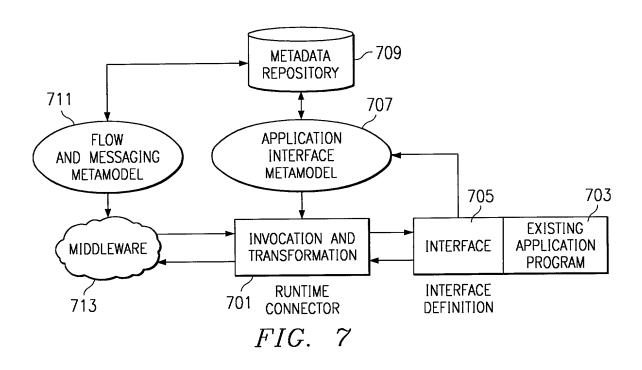
ROSE MODEL

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MFS METAMODEL

BMS METAMODEL

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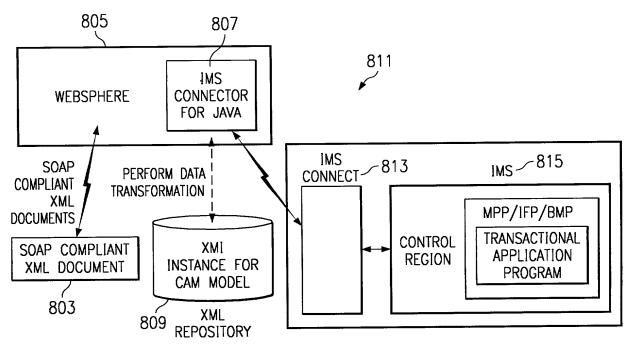
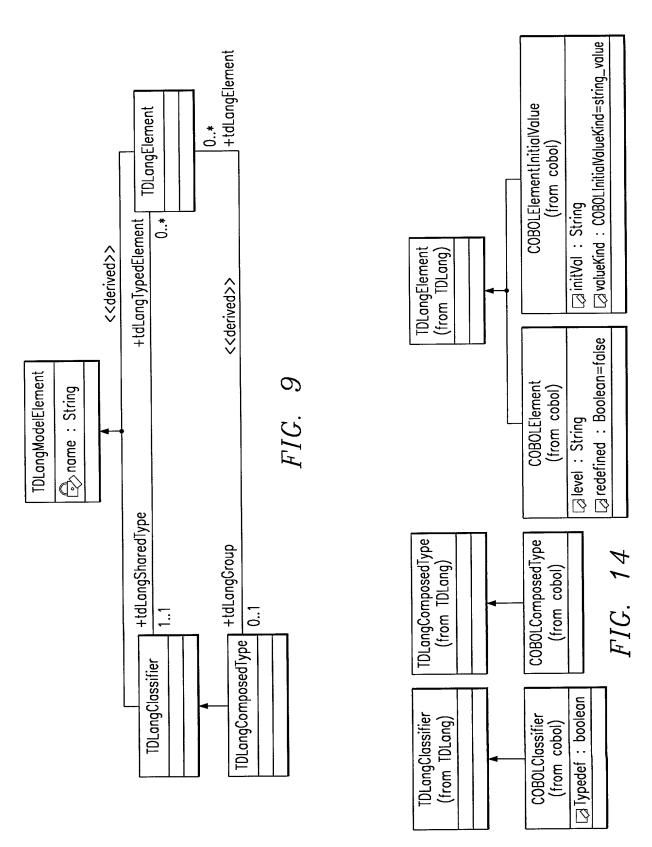
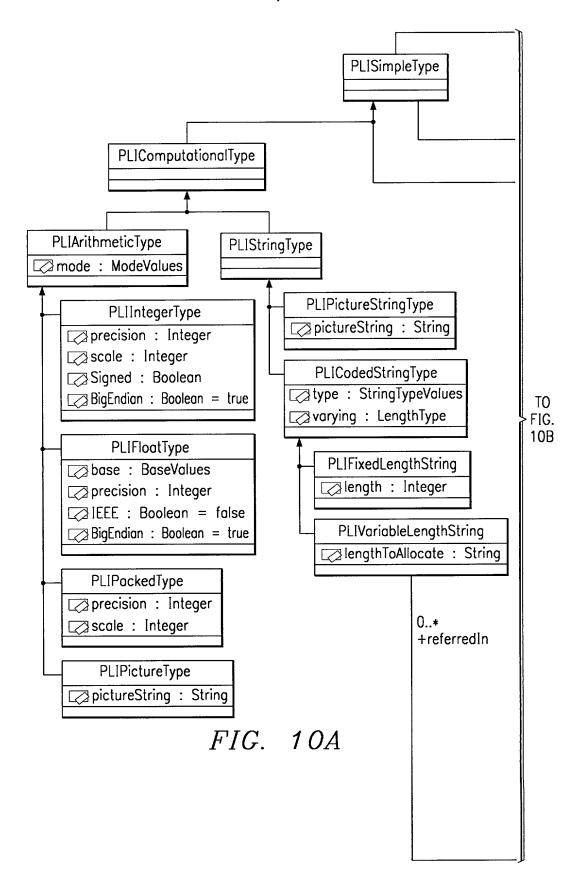


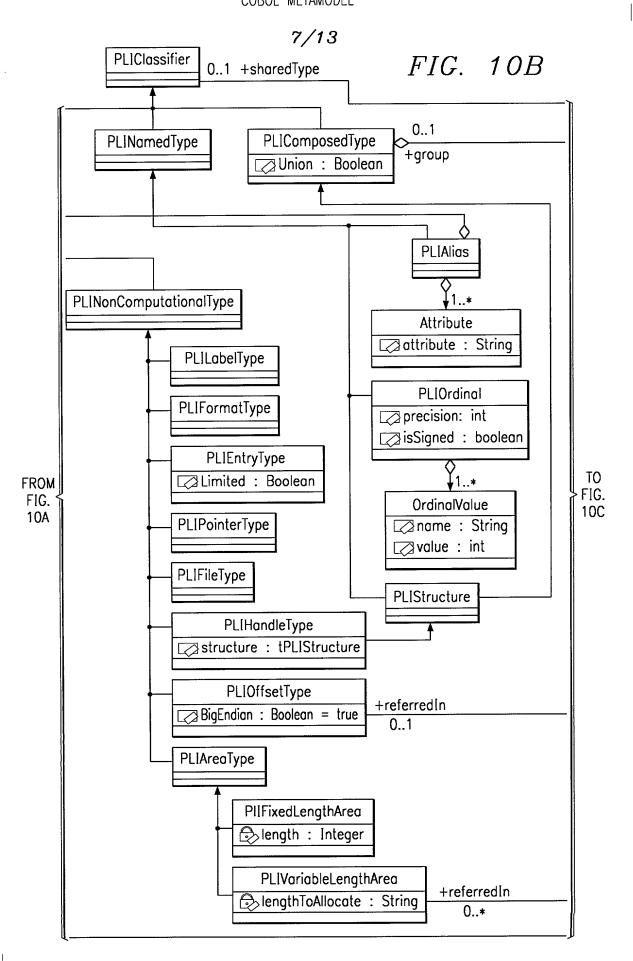
FIG. 8



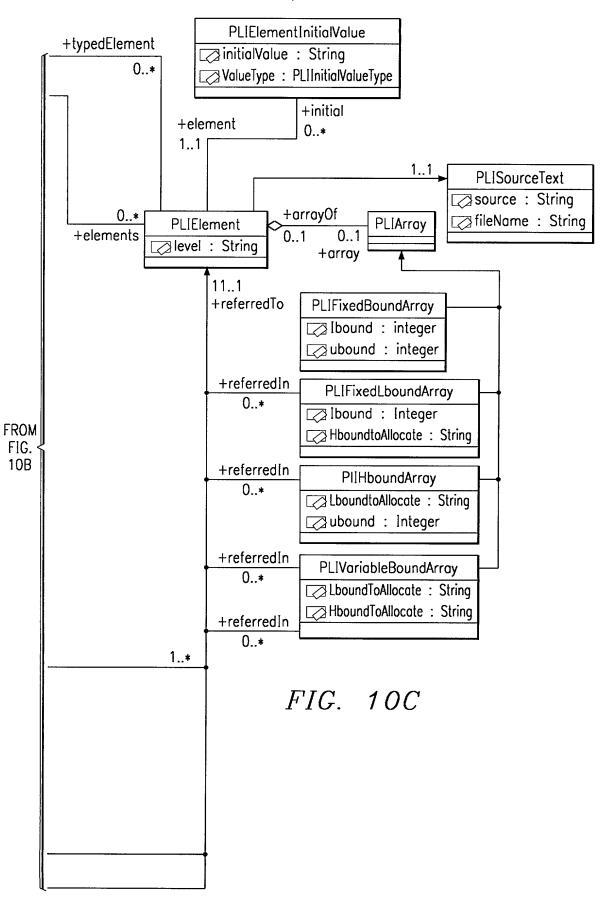
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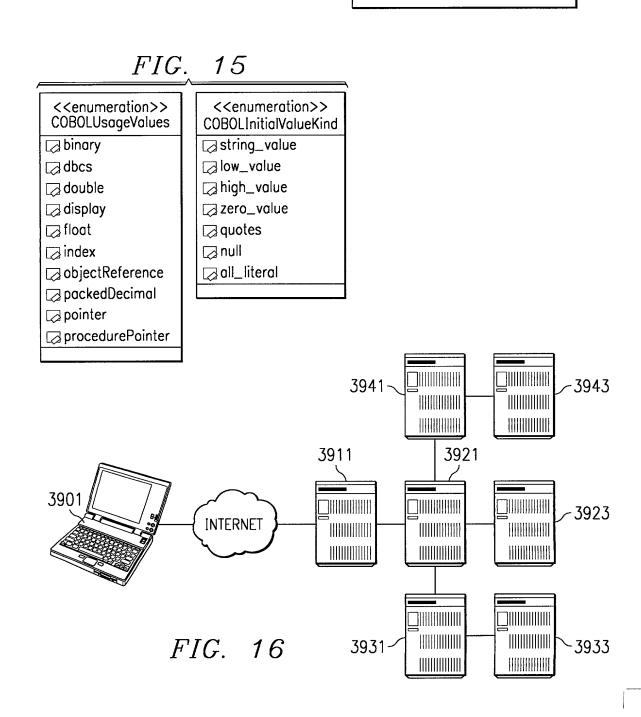
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Shyh-Mei F. Ho, et al. COBOL METAMODEL 9/13 TDLangElement (from TDLang) dataItem 0..* +dataItem 1..1 PlatformCompilerType (from TypeDescriptor)

platformCompilerType : String

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	[] fixedLength	☐ Unspecified	ReadOnly	Z MVS	△ mode16
☐ onesComplement	[☑] lengthPrefixed	☐ IEEEextendedIntel	☑ WriteOnly	△ MVSCustom	□ mode24
🖂 signMagnitude	□ nullTerminated	G IEEEextendedAIX	ReadWrite	\text{\tin}\text{\texi}\text{\text{\texi}\text{\text{\text{\text{\texi}\text{\text{\text{\texi}\text{\text{\text{\text{\text{\texi}\tin}\text{\text{\text{\texi}\tint{\text{\texi}\text{\	☑ mode31
ZoneSigns ZoneSig		☐ IEEEextended0S390	NoAccess		☑ mode32
□ packedSigns		☐ IEEEextendedAS400			□ mode64
🗔 unsignedBinary		[☑] IEEEnonextended			☑ mode128
🖂 unsignedDecimal		□ IBM390Hex			
		☑ IBM400Hex			

doubleWord
 doubleWord

S byte S word

□ pit

<<enumeration>> addrUnit

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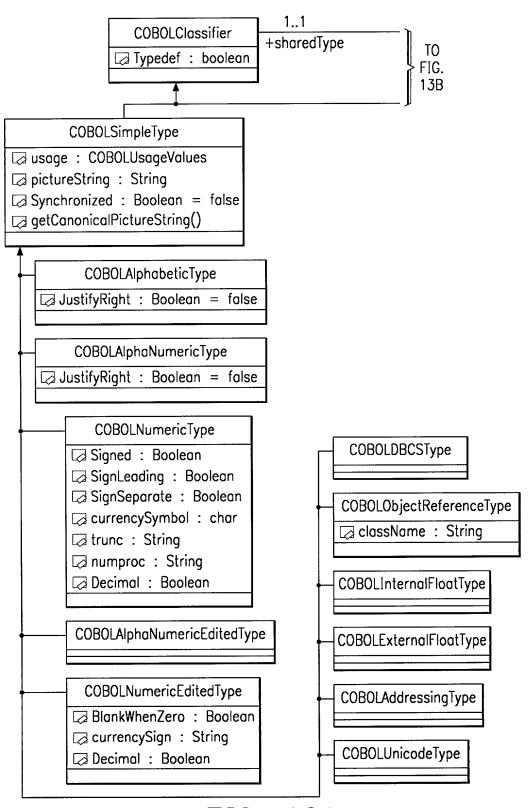
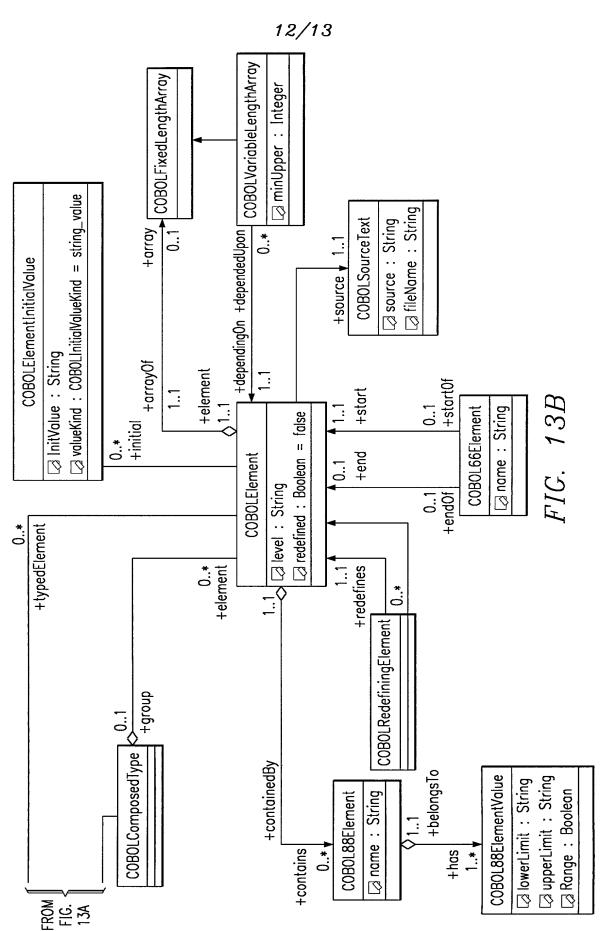


FIG. 13A

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